Health:Green,Last Calc:04/26/2020 04:04,Power:100%,Trail Only:No

MAINT ALERTS

EXAM M-ALERT CLAIMS DEPT MECH INSP REQUEST-6423307(Yellow) ECZ

Defect Information

Yellow,04/23/2020 21:53,PWR:100%,TO:Y,Src:UPM,Cnst:,Tmp:,Rep:N
Function:MAINTENANCE ALERT
Behavior:CLAIMS DEPT MECH INSP REQUEST

Failure Mode

COMPLETE LMI 9429 MECHANICAL INSPECTION REPO

Defect Comments

Initial:The Risk Management Group will need an LMI 9429 completed on this unit. It was involved in an incident at MP 14.82 of the Proviso Yard... RMCC 2020-04-23-059NWE.....ggl

OTHER WORK

INSPECT COOLING WATER COLOR WCH

EXAMINE SPECIAL INSTRUCTIONS ECZ

10/04/2017 TJZ "This locomotive is not alerter equipped. If used as a controlling locomotive, locomotive cannot operate at speeds in excess of 25mph."

SERVICE TRACK:SV PIT

RECORD WHEEL MEASUREMENTS WCH

Standard Work Task

1. Setup WCH

1) If using W600-1A Wheel "Finger" Gauge then refer to LMI 5220 for further instruction. Close steps 1, 2, and 3 on the task.
2.1) Inspect EWG. Determine there are no defects and perform the job safely.
2.2) Press Forward and Backward keys at the same time.
3) Check battery level . Check battery charge on LCD display
4.1) Set-up EWG. Select "System Setup"
4.2) Select "Time and Date"
4.3) Press back arrow. Return to "System Setup"
4.4) Select "System Setup"
4.5) Select "Chng Operator"
4.6) Press back arrow. Return to "System Setup"
4.7) Select "System Setup"
4.8) Select "Chng Location"
4.9) Press back arrow twice. Return to main menu

2. Locomotive information set-up WCH

1) If using W600-1A Wheel "Finger" Gauge then refer to LMI 5220 for further instruction. Close this step on the task.
2.1) Enter Locomotive information. Select "Record Manager"
2.2) Select "Add Record"
2.3) Enter unit initials (ie. UP or UPY) and select enter
2.4) Enter unit number (####) and select enter
2.5) Enter number of axles and select enter
2.6) Press back arrow twice Return to main menu
3.1) Prepare to collect measurements on EWG. Select "Collect Data" Prepare gauge to record wheel measurements
3.2) Select "Record Selection"
3.3) Select Locomotive ID number
3.4) Select "Wheels"
3.5) Select first wheel to measure (i.e. L1)

3. Record wheel measurements WCH

1) If using W600-1A Wheel "Finger" Gauge then refer to LMI 5220

SERVICE TRACK:SV PIT

3. for further instruction. Close this step on the task.
2) Inspect wheel. Check for Defects, refer to LMI 5202 Record defects as found
3.1) Take wheel measurements. Place EWG on inner rim of wheel
3.2) Press button on EWG. EWG will measure rim thickness, flange thickness and flange height
3.3) Wait for audible indicator, long beep
3.4) Press button on EWG
3.5) Place EWG on outer rim of wheel
3.6) Press button on
3.7) Wait for audible indicator, long beep
4) Repeat steps 3.1-3.7 for the remaining wheels
5) Up load wheel measurements on computer. Place wheel gauge next to receiver attached to computer

4. Provide Wheel Measurements WCH
1) If using W600-1A Wheel "Finger" Gauge then refer to LMI 5220 for further instruction. Close this step on the task.
2) Open Mini EWG Computer Program. At the MCS work station, click on Start and select "Programs / Mini EWG Download / Mini EWG Download"
3) Upload Wheel Measurements from EWG to PC. Place EWG in front of IR Port
4) From Main Menu on EWD LCD, select "Connect to PC" using navigational keys. When connection between computer and EWG is made, LCD display on EWG will display "Connected to PC"
5) Select "Download" in Mini EWG computer program
6.1) Verify download is complete. Download is complete when wheel measurement record is displayed on computer screen
6.2) Close Mini EWG Program
7) Review the wheel report for the wheel measurements uploaded. wheel report is updated if the date, time, and operator initials are correct

SERVICE TRACK:SV PIT

COMPLETE LMI 9429 MECHANICAL INSPECTION REPORT 01 ECZ

Fill in all answers for questions regarding this task.

1. Reason for Report[PERSONAL INJURY_____] ECZ
2. Event Recorder Download Taken[YES] JBH
3. TIR Equipped [NO_] JBH
   TIR Operational (Verify the REC LED is green) [YES]
4. Ditchlights Operating[YES] EKB
   Headlight Operating[YES]
   Rear Headlight Operating[YES]
5. Horn Operating [YES] WCH
   Where Mounted[CAB_____]
   Number of Trumpets Forward [4 FORWARD_____]
   Number of Trumpets Rear [1 REAR_____]
   As information:
   3 trumpets forward, 2 reverse is model K-5LA-R24
   1 trumpet forward, 4 reverse is model K-5LLA-R1L
   2 trumpets forward, 1 reverse is model K3HA-R2
6. Air Brake Departure Test Completed [YES___] WCH
7. Cab Floor Condition[GOOD__] WCH
   Cab Seats Condition[BAD___]
   Mirrors Condition[GOOD__]
   Windows Condition[GOOD__]
   Windshield Wipers Operating[YES]
8. Crossing Bell Operating [YES] WCH
   Crossing Bell [PNEUMATIC__]
   Where Mounted[CONDUCTOR SIDE_____]
9. Handbrake Operational[YES] WCH
10. Sand Condition[DRY] WCH
    Sand Level Front[PARTIAL EMPTY__]
    Sand Level Rear[PARTIAL FULL___]
    Sanders Operational[YES]
    Normal Sand Flow to Rail[YES]
11. Brake Shoes Condition[GOOD__] WCH
12. Brake cylinder travel by individual cylinder WCH
    L1 [3.5"_____]
    L2 [3.5"_____]
    L3 [3.5"_____]
    L4 [>3.5"_____]
    R1 [3.5"_____]
    R2 [3"_____]
    R3 [>3.5"_____]
    R4 [>3.5"_____]
13. Note any repairs made: WCH
    [_____]
14. Manager /Supervisor signoff that all steps have been completed for Mechanical Inspection Report. ECZ

REVIEW WHEEL REPORT _____

Review wheel report for compliance to LMI 5202 and LMI 5211. If wheels do not meet criteria, by showing blue or red in wheel report, add True Wheel Set task or Change Traction Motor task and arrange to change or true wheels.

1. Manager must sign-off this task if you are not going to True Wheels or Change Motor, if wheels do not meet company specifications. _____

SERVICE TRACK:SV PIT

TEST AIR DRYER 01 _____

Standard Work Task
994 AIR DRYER TROUBLESHOOTING
This task utilzes the air dryer power analyzer tool (724-7785) to determine the status of the power supply and verify cycling

1. Preparation _____
1) Secure locomotive. Ensure handbrake is applied.

2. Test air dryer _____
1) Disconnect power cable from air dryer
2) Connect analyzer cable to air dryer
3) Connect power cable from locomotive to analyzer
4.1) With air dryer analyzer connected and test switch in "OFF" position. The "Supply Voltage Normal" light should be on. The "Intermittent Voltage On" light should be on ONLY when the air compressor is pumping.
4.2) If any other light is on, troubleshoot air dryer power supply
5.1) Troubleshoot air dryer power supply (if necessary)
6) Switch analyzer to "ON" position to begin air dryer cycling
7.1) Verify air dyer cycling
Listening to the dryer as it exhausts air is the best way to determine if it is cycling properly. 975 and 994 air dryer cycles are slightly different.
7.3) 994 Air Dryer: Loud burst and 48 seconds steady blow tower #1, 17 seconds nothing, loud burst and 48 seconds steady blow tower #2, 17 seconds nothing, repeat.
8) Verify air dryer cycling after repairs
Disconnect analyzer and reconnect power cable to air dryer after verification

REPAIR BOX, MU WIRING _____

STEP 0

SERVICE TRACK:SV PIT

VERIFY OPERATION RCL SAFETY FEATURES RN

When an RCL Locomotive is released from shop a
functional test of the RCL system should be performed.
These tests do not require movement of the locomotive. These
tests are intended to test the operation of the locomotive only.
Depending on the type of repairs completed, additional test
involving locomotive movement may be required.
The "911" tones are verified audibly for now. Soon,
A Touch-Tone Decoder is used to verify "911" mandown message.

1. Functional Air Brake Test for RCL Equipped Locomotives RN

Set Up Locomotive
Refer to LMI 7912 for CCB26 Linking Instructions (Gensets)

Step	Action
1	Establish Blue Signal protection and set handbrake.
2	Perform manual air brake test as outlined in LMI 0012.
3	Verify that the locomotive radio is installed and cable from RCL system is applied to the radio's auxiliary connector. Set channel on locomotive radio and monitor radio to unused chanel for testing,
4	Set up locomotive as follows: Apply Locomotive in RCL warning tag to control stand. Set Isolation Switch to Isolate. Set air brake equipment to Lead, Cut in. Turn On RCL circuit breaker. Changeover Switch to RCL. If required, set changeover valve to RCL position.
5	Link RCT.
6	Verify that the test message is broadcast over the locomotive radio.
7	Verify both amber strobe lights on locomotive cab are flashing.

2. Test RCL Independent Brakes RN

Ensure:
RCT Independent Override Selector is in Release position.
RCT Automatic Brake Selector is in Release position.
NOTE: BELL WILL RING WHEN PERFORMING THIS TEST.
VERIFY THAT ISOLATION SWITCH IS IN ISOLATE.

Step	Action
1	Place RCT reverser in either Forward or Reverse.
2	Press vigilance button on RCT.
3	When the speed selector is moved to Couple, the bell will ring.
4	Verify that Independent brakes release (0 psi).
5	Move Speed Selector to Stop.
6	Verify that independent brakes apply. Verify brake cylinder pressure is full application: 45 psi for clasp arrangement typical; 72 psi for single shoe arrangement typical.
7	Place RCT reverser in Neutral. NOTE: CANAC Beltpack allows 20 seconds for this test. After 20 seconds a full independent brake application will occur.

3. Test RCL Automatic Brakes RN

Ensure:
RCT Independent Brake Override Selector is in Release position.
RCT Automatic Brake Selector is in Release position.
RCT is in Neutral. Speed Selector is in Stop.

Step	Action
1	Advance Automatic Brake Selector through each position pausing at each to allow pressures to stabilize.

SERVICE TRACK:SV PIT

3. Setting Reduction Brake Pipe Pressure +/- 3 PSI
Release
0
90
Minimum
7 psi
83 psi
Light
10 psi
80 psi
Medium
15 psi
75 psi
Full
20 psi
70 psi
2 Return Automatic Brake Selector to Release -
BP should return 90 psi.
NOTE: Auto bail feature should bail applications only in the minimum and light settings from automatic brake reductions. Medium and full setting should result in full independent brake cylinder pressure (45 psi or 72 psi depending on J valve).

4. Test RCL Emergency Brake RN

Ensure:
RCT Independent Brake Override Selector is in Release position.
RCT Automatic Brake Selector is in Release position.
RCT Reverser is in Neutral.
RCT Speed Selector is in Stop.

Step Action
1 Place Independent Brake Override Selector into Emergency position.
Verify Brake pipe pressure rapidly falls to 0 psi.
Verify Brake Cylinder pressure rises to 72-80 psi (43-48 psi on locos with clasp arrangement composition shoes - J16B relay valve).
2 To recover from emergency:
Wait 30 to 50 seconds.
Press Vigilance button on RCT.
Move Independent Brake Override Selector to Release position
PCS will reset and brake pipe pressure will recharge to 90 psi.
3 Push RCL Emergency Shut Down button on side of locomotive.
Verify Brake pipe pressure rapidly falls to 0 psi.
Verify Brake Cylinder pressure rises to 72 - 80 psi (43-48 psi on locos with clasp arrangement composition shoes - J16B relay valve.
4. To recover from pushed Emergency Shut Down button comanded Emergency:
Pull out Emergency Shut Down button (if maintained contact type).
Push the reset button on the RCR (Cattron only).
Move Independent Brake Override selector to the Emergency position.
Press Vigilance button on RCT.
Move Independent Brake Override selector back to the release position.
PCS will now reset and brake pipe pressure will recharge to 90 psi.

5. Test RCL Vigilance Timeout Test RN

NOTE: BELL WILL RING WHEN PERFORMING THIS TEST.

SERVICE TRACK:SV PIT

5. VERIFY THAT ISOLATION SWITCH IS IN ISOLATE.

Ensure:
RCT Independent Brake Override Selector is in Release position.
RCT Automatic Brake Selector is in Release position.
RCT Reverser is in Neutral.

Step	Action
1	Place RCT reverser in either Forward or Reverse.
2	Press vigilance button on RCT.
3	Place Speed Selector in Coast. Crossing bell will ring.
4	Verify that after approximately 50 seconds, vigilance expires, alarm expires, and a full service brake application occurs.

6. Verify Headlight Operation R N

Set up headlight switches on locomotive before performing this test.

1	Place RCT in Neutral. Verify both headlights are in "dim".
2	Place RCT reverser in Forward; then press headlight switch once for "bright". Forward headlight should now be bright. Press headlight switch again for "off." Check for headlight "off." Then press headlight switch again to return to "dim" position.
3	Place RCT reverser in Reverse and repeat step 2 above for the reverse headlight.

7. Verify Man-Down Operation R N

1) Use a hand-held radio to monitor the locomotive radio transmissions and find an unused voice radio channel. Set the locomotive and hand-held radios to the unused channel for test.
2) Refer to LMI 7403 to verify the proper operation of the voice radio. Perform the Touch-Tone test to confirm that the Touch-Tone decoder reads all 12 (0-9, *, and #) digits sent by the voice radio.
3) Place RCT reverser in either Forward or Reverse. Move Speed to stop, verify brakes apply.
4) Press vigilance button on RCT. Key the Hand-Held radio and announce:
"UPXXXX Man-Down Test, UPXXXX Man-Down Test, UPXXXX Man-Down Test"
5) Tilt OCU and wait for Man-Down timeout. Wait for the alarm to fully activate since several warning messages may be broadcast before the 911 tones are sent.
6) Confirm that Man-Down Message, including locomotive unit number and "9-1-1" DTMF codes, are broadcast after man-down timeout. Use available Touch-Tone Decoder to verify "911" tones.
7) Key the Hand-Held radio and announce:
"UPXXXX Man-Down Test Completed, UPXXXX Man-Down Test Completed, "UPXXXX out"
Continue monitoring the channel to respond to someone answering the man-down transmission.
8) Set locomotive voice radio channel back to assigned RCL voice channel.

8. Verify Antenna Operation R N

For Each Canac/Cattron or GE RCL Antenna:
Use a Bird Model 500 Antenna Tester to verify that the antenna has a SWR reading less than 1.5 at the RCL operating frequency.
OR
Confirm that the RCL System maintains the OCU to Locomotive Link while driving the RCL Operator/OCU a Distance of 1 mile from the locomotive.

9. Set Up Locomotive for Manual Operation R N

At the conclusion of the tests, set up the locomotive for manual

SERVICE TRACK:SV PIT

9. operation:

Step	Action
1	Turn RCT off. Locomotive will go to Full Service application
2	If equipped, set changeover valve to Manual.
3	Place the Changeover Switch to Manual. Locomotive will go to Emergency. Set Locomotive Radio Channel back to normal.
4	Set up air brake equipment for Lead and recover from Emerg.
5	Remove Locomotive in RCL warning tag.
6	Apply full Independent brakes and make a 20 psi BP reduction
7	Apply handbrake, if required, and secure RCT and reverser per local policy.

SERVICE TRACK:SV REPAIR

SCRAPE ENGINE VEE _____

Standard Work Task

1. Work Prep _____
0.1) Obtain 2" and 4" scrapers, absorbent pads, laser gun to check engine temperature and cardboard box for carbon/oil.
0.2) Ensure that handbrake is set, the battery knife switch is pulled and apply lock out device and personal ID tag to lockout device
0.3.1) Prep Engine for Work
Check left side of engine to ensure temperature is less than 120 degrees Fahrenheit.
0.3.2) Check right side of engine to ensure temperature is less than 120 degrees Fahrenheit.
0.3.3) Apply platform to stand on

2. Clean /Scrape Engine Vee _____
1.1) Use absorbent pads to soak up any standing oil
1.2) Pick up any hardware such as nuts or bolts that are in the engine vee
1.3) Scrape the vee out. Be sure to scrape area between the top deck and the exhaust manifold
Repeat for all areas of the vee. Be sure to get between the legs of the exhaust stacks.
1.4) Ensure drain is clear of obstructions and will drain engine vee

3. Clean Up _____
2.1) Wipe off scrapers with absorbent pads
Scrapers must be cleaned before they are given back to the tool room
2.2) Put platform back in its proper place
Make sure that test cock bolts are replaced if platform is of the platform is of the type that hangs from these.
2.3) Remove blue tag and battery switch lock out device

CHANGE CAB SEAT CAB02 _____

1. Seat _____
Change seat per OEM Maintenance Manual
Verify brand of seat and base style: [_]

CHANGE CAB SEAT ENGR01 _____

1. Seat _____
Change seat per OEM Maintenance Manual
Verify brand of seat and base style: [_]

CHANGE AIR DRYER HUMIDITY EYE _____

STEP 0

SERVICE TRACK:SV REPAIR

ADJUST LUBE OIL, ENGINE _____

Standard work task
Check engine lube oil level
1) Ensure engine is idling
2) Locate engine lube oil dipstick. GE and EMD have different locations
3) Remove engine lube oil dipstick
4) Clean engine lube oil dipstick. Use Wypall (UP# 220-5539) or towel
5) Insert engine lube oil dipstick. Wait one minute
6) Remove engine lube oil dipstick
7.1) Read indicated measurement. Look at oil level on dipstick
7.2) If oil level is between "Full" and "Add" marks on dipstick, proceed to Step 1.1 for GE Step 2.1 for EMD
7.3) If oil level indicates "Full", the task is complete

CLEAN TRAP, CARBON ALL01 _____

STEP 0

CHANGE CENTER STEP, LOCOMOTIVE LF _____

712-7155 is Right Front and Left Rear.
712-7153 is Left Front and Right Rear.

REPAIR COVER, MU RECEPTACLE 01 _____

Repair or replace MU Cover as necessary.

CHANGE LIGHT BULB, CAB 01 EKB

STEP0

CHANGE LIGHT SWITCH 01 _____

STEP 0

REPAIR TRACTION MOTOR LEADS 03 _____

Standard Work task
NOTE: Best practice to use cleats for cable spacing.
Do NOT bundle so that the leads rub against each other or the car body. Use 715-4128 or 715-6721 for AC TM.
Use 712-0022 for DC TM.

SHOP:SHOP INBOUND

TAKE LUBE OIL SAMPLE(Federal) WCH

Standard Work Task
Prepare sample bottles
0.1) Write RR initials, unit number, date, location, and mark "Eng Oil" on bottle labels.

1. Collect samples WCH

Take a 3 oz. engine lube oil sample
1.1) Inspect oil sampling tap. Use caution when opening carbody doors.
1.2) EMD: Inspect Michiana door for tap: 1/4" close nipple (323-3506) and 1/4" male hansen fitting (190-6191). If not present, install
2.1) Take oil sample. Apply fitting and purge first.
2.2) Fill bottle 3/4 full (for 4 oz. bottle)

2. Test samples WCH

1.1) Test oil for water. Hot plate set at 392 degrees F (200 C).
1.2) Perform crackle test. Pour quarter sized pool of oil on hot plate & listen for crackle. Water in Sample [N]
2.1) Test oil for fuel. Ensure sniffer is calibrated. If not, use calibration fluid from lab.
2.2) Ensure bottle is at room temperature and is 3/4 full.
2.3) Sniffer should seal against bottle top.
3) Press start button on sniffer to begin test and allow 3 to 5 minutes to test. Fuel dilution [0%_____]
4) Ensure that the sample lids are tight and wipe any fluid or dirt from the sample bottles.
5) All samples must be shipped within 24 hours of extraction
6.1) Package samples. Place plastic bag PN 280-0510 and insert divider into sample box
6.2) Place samples into shipment box, ensuring all sample bottles are upright and neatly packed
6.3) Mark each package with the following statement: Chemical ID Number "NA 1993".
7) Ship to:
Eurofins ANA Laboratories, Inc.
160 Suite D
9th Avenue
Runnemede, NJ 08078

SHOP:SHOP INBOUND

COMPLETE LMI 9414(Federal)

Form 9414 Part A - Universal Locomotive Inspection and Maintenance Record. Union Pacific Railroad Company.
This form is intended for use where inbound and outbound servicing dictates separating the locomotive daily inspection into separate inbound and outbound processes. In these cases all inbound servicing shall be accomplished using 9414 Part A and all outbound servicing shall be accomplished using 9414 Part B in conjunction with the Outbound Departure Test. Both Part A and Part B must be completed to meet FRA requirements.
All items shall be inspected for proper security and operation.

1. **SAFETY EQUIPMENT**
   - Handrails/Grabirons, Steps, Safety Chains [OK_____]
   - Platforms and Walkways [OK_____]
   - Carbody Doors, Hinges, and Latches [OK_____]
   - Handbrake [OK_____]
2. **EQUIPMENT OPERATION (MECH)**
   - Fire Extinguisher, Cab & Engine Room [OK_____]
   - Bell, ring 10 times [OK_____]
   - Horn [OK_____]
   - Windshield Wiper [OK_____]
   - Protective Guards and Covers [OK_____]
   - Cab Seats and Window Glass [OK_____]
3. **FLUID AND EXHAUST LEAKS**
   - Water Leaks [OK_____]
   - Oil Leaks [OK_____]
   - Fuel Leaks [OK_____]
   - Charged Air /Exhaust Leaks [OK_____]
4. **FLUID LEVELS**
   - Engine Lube Oil level [FULL MARK_____]
   - Governor Oil Level [OK_____]
   - Air Compressor Oil Level [OK_____]
   - Cooling System [FULL_____]
5. **TRUCKS, DRAFT GEAR, UNDERFRAME, AND BRAKES**
   - Truck, Draft Gear, & Underframe condition [OK_____]
   - Main Reservoir and Blowdown Drains [OK_____]
   - Air Dryer Humidity Indicator (Eye) Color [SELECT EYE COLOR__]
   - Fuel Cap, Gauge, and Vent Valve [OK_____]
   - Sander Nozzles and Hoses [OK_____]
   - MU Air Hoses [OK_____]
   - Trainline Air Hose Height Above Rail [OK, >6" ABOVE RAIL_____]
   - MU Cut-out Cocks and Locks [OK_____]
6. **BRAKE SHOES AND RIGGING [OK_____]**
7. **TRACTION MOTORS, JOURNAL BOXES, AND WHEELS**
   - Traction Motors, Journals, and Wheels [OK_____]
8. **CAB SERVICING**
   - Clean Cab, remove trash and debris [OK_____]
   - First Aid Kit [OK_____]
   - Graffiti Removed [OK_____]
9. **SERVICE TOILET [OK_____]**
10. **RETENTION TANK EMPTY [EMPTY_____]**
11. **SAND SERVICING**
    - Sandbox [OK_____]
12. **FUEL SERVICING**
    - Fuel Quantity as appropriate [FULL_____]
13. **EQUIPMENT OPERATION (ELEC)**
14. Indicators, Enunciators and DID Panel [OK_____] EKB
15. All Interior and Exterior lights [DEF LIGHT BULB(S)___] EKB

SHOP:SHOP INBOUND

16.	Speed Indicator/s [OK_____]	EKB
17.	Voice Radio System Intact, TX/RX Clearly [OK_____] (Test radio with Primus "talk back" or Monitor Radio)	EKB
18.	Reverser Handle Interlock [OK_____]	EKB
19.	Air Conditioner Operation -follow reference LMI 9414-A/C [OK_____]	EKB
20.	Air Cond Temp Drop [NOT DONE OUTSIDE LES_____]	EKB
21.	Heater Operation [OK_____]	EKB
22.	Inspect Cab Signals Seals [NOT EQUIPPED___]	EKB
23.	Cab Signal LCR Cabinet Seal Applied [NOT APPLIED]	EKB
24.	Cab Signal ADU Seal Applied [NOT APPLIED]	EKB
25.	Inspect Cab Signals Receiver Bars [N/A]	EKB
26.	Verify Low Voltage Grounds Clear [OK_____]	EKB
27.	GPS CKT Breaker Closed and Seal Removed [NOT APPLICABLE_____]	EKB
28.	Comm Device Circuit Breaker [N/A_____]	EKB
29.	MU Cables, Covers & Receptacles [MU CVR DEF MIS____]	EKB
30.	Traction Motor Electrical [TM LEADS OILY_____]	EKB
31.	**INSPECTION VERIFIED BY [LOCOMOTIVE SERVICED_]**	

DEPARTURE:DEPARTURE

COMPLETE CONSIST OUTBOUND DEPARTURE PLANNING _____

This task should be used by outbound planners once Locomotive position has been identified for use in a consist.

* ANSWER YES TO EACH OF THE FOLLOWING QUESTIONS IF TRUE.

1. **Will this be the Lead Locomotive or Second Leader in the Lead Consist [____]** _____
   * Fires COMPLETE AIR BRAKE DEPARTURE TEST - CAB PERSON
   * Fires COMPLETE AIR BRAKE DEPARTURE TEST - GROUND PERSON
   * Fires COMPLETE LEAD LOCOMOTIVE CONSIST SET-UP.
   * Fires CHECK ALERTER
   * Fires INSPECT DOOR, ENGINE CONTROL CIRCUIT BREAKER
   * Fires COMPLETE PTC PRE-TRIP TEST
   * Fires CLEAN CAB INTERIOR
2. **Will this be a Lead Controlling or Remote Controlling Unit in a DP Consist [____]** _____
   * Fires COMPLETE AIR BRAKE DEPARTURE TEST - CAB PERSON
   * Fires COMPLETE LEAD LOCOMOTIVE CONSIST SET-UP.
   * Fires COMPLETE DPU SET-UP, LINK-UP, AND DEPARTURE TEST.
3. **Will this be a Lead Unit or "Second Leader" Entering CCS/ATC Territory [____]** _____
   * Fires COMPLETE CAB SIGNAL DEPARTURE TEST.
   * Fires CHECK ALERTER
   * Fires VERIFY VOICE RADIO & FOT EQUIP SECOND LEADER
   * Fires CLEAN CAB INTERIOR
4. **Will this be a mid train DPU without rear controlling DPU [___]** _____
   * Fires APPLY EOT REPEATER

COMPLETE OUTBOUND DEPARTURE TEST(Federal) _____

Form 9414 Part B consolidated Universal Locomotive Inspection and Maintenance Record Union Pacific Railroad Company. This must be completed in conjunction with LMI 9414 Part A. All items should be inspected for proper security and operation.

1. **LOCOMOTIVE CAB INSPECTION** _____
   Inspect, Clean & Service Cab - Lead Unit [_____]
   Remove trash all units
2. Verify LMI 9414 Part A has been completed. _____
3. Verify Blue Card is Present and Current [_____] _____
4. Locomotive Inspected by: [_____] _____
5. Cab Card Inspection Date: [_____] _____
6. Cab Card Inspection Time:[_____] _____